

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for selecting a network interface for a network node, the method comprising:

receiving a policy specifying user preferences provided by a user at the network node;

monitoring a network interface characteristic at the network node;

selecting for the network node a network interface from a plurality of network interfaces by matching the user preferences to [[a]] the network interface characteristic;
and

modifying a routing table entry associated with the selected network interface,
wherein the routing table entry includes a metric field and further wherein modifying the routing table entry includes modifying the metric field.

2. (Canceled).

3. (Amended) The method of claim 1, wherein modifying the routing table entry includes raising priority of the routing table entry associated with the selected network interface.

4. (Amended) The method of claim 1, wherein modifying the routing table entry includes lowering priority of a routing table entry not associated with the selected network interface.

5. (Amended) The method of claim 1, wherein modifying the routing table entry includes deleting a routing table entry not associated with the selected network interface.

6. (Original) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a cost of using a network communicably coupled to the network interface.

7. (Original) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a battery consumption characteristic of the network interface.

8. (Amended) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on signal strength of the network interface.

9. (Original) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a latency value associated with a network communicably coupled to the network interface.

10. (Original) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a bandwidth associated with a network communicably coupled to the network interface.

11. (Original) The method of claim 1, wherein receiving a policy includes receiving a policy specifying a network preference based on a reliability value associated with a network communicably coupled to the preferred network interface.

12. (Original) The method of claim 1, wherein the policy is received from a user interface.

13. (Original) The method of claim 1, wherein the policy is received from a configuration file.

14. (Original) The method of claim 1, wherein the policy is received from an environment variable.

15. (Currently Amended) A computerized system comprising:

a user interface component at the network node operable to specify user preferences; and

a policy manager component operable to perform the tasks of:

receive the user preferences,

derive a set of network characteristics from changes at the network node in a link status of a network interface, the network interface selected from a plurality of network interfaces for the network node,

select for the network node a network interface from ~~[[a]]~~ the plurality of network interfaces by matching the user preferences to ~~[[a]]~~ the set of characteristics ~~for a network interface~~, and

modify a routing table entry according to the selected network interface.

16. (Currently Amended) The computerized system of claim 15, further comprising a link monitor operable to notify the policy manager of ~~changes in a link status of a network interface from the plurality of network interfaces~~ changes at the network node in the link status of the network interface.

17. (Original) The computerized system of claim 16, wherein the link monitor includes a wired link management component.

18. (Original) The computerized system of claim 16, wherein the link monitor includes a wireless link management component.

19. (Currently Amended) The computerized system of claim 16, wherein the ~~link monitor notifies the policy manager of the~~ link status change ~~upon~~ comprises insertion or deletion of ~~[[a]]~~ the network interface.

20. (Currently Amended) The computerized system of claim 16, wherein the ~~link monitor notifies the policy manager of the~~ link status change ~~when~~ comprises a signal

strength associated with the network interface ~~erosses~~ crossing a predetermined threshold value.

21. (Currently Amended) The computerized system of claim 16, wherein the ~~link monitor notifies the policy manager of the link status change upon~~ comprises a link roam.

22. (Original) The computerized system of claim 15, further comprising a routing table interface operable to provide a set of functions to modify the routing table.

23. (Currently Amended) A machine-readable medium having computer executable instructions to perform a method for selecting a network interface for a network node, the method comprising:

receiving a policy specifying user preferences provided by a user at the network node;

receiving data concerning a network interface characteristic at the network node;

selecting for the network node a network interface from a plurality of network interfaces by matching the user preferences to ~~[[a]]~~ the network interface characteristic;
and

modifying a routing table entry associated with the selected network interface,
wherein modifying the routing table entry includes modifying priority of the routing table
entry-associated with the selected network interface.

24. (Original) The machine-readable medium of claim 23, wherein the routing table
entry includes a metric field and further wherein modifying the routing table entry
includes modifying the metric field.

25. (Amended) The machine-readable medium of claim 23, wherein modifying the
routing table entry includes raising the priority of the routing table entry-associated with
the selected network interface.

26. (Amended) The machine-readable medium of claim 23, wherein modifying the
routing table entry includes lowering priority of a routing table entry not associated with
the selected network interface.

27. (Amended) The machine-readable medium of claim 23, wherein modifying the
routing table entry includes deleting a routing table entry not associated with the selected
network interface.

28. (Original) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a cost of using a network communicably coupled to the network interface.

29. (Original) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a battery consumption characteristic of the network interface.

30. (Amended) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on signal strength of the network interface.

31. (Original) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a latency value associated with a network communicably coupled to the network interface.

32. (Original) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a bandwidth associated with a network communicably coupled to the network interface.

33. (Original) The machine-readable medium of claim 23, wherein receiving a policy includes receiving a policy specifying a network preference based on a reliability value associated with a network communicably coupled to the preferred network interface.